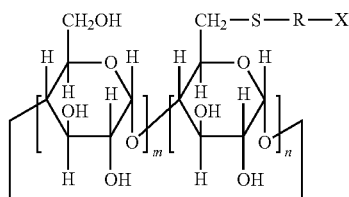


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8. The kit according to claim 6, wherein the neuromuscular blocking agent is rocuronium.

9. A method for reversal of drug-induced neuromuscular block in a patient, which comprises parenterally administering to said patient an effective amount of a 6-mercaptocyclodextrin derivative according to the general formula I



Formula I

wherein m is 0-7 and n is 1-8 and m+n=7 or 8;

R is (C₁₋₆)alkylene, optionally substituted with 1-3 OH groups, or (CH₂)_o-phenylene-(CH₂)_p;

o and p are independently 0-4;

X is COOH, CONHR₁, NHCOR₂, SO₂OH, PO(OH)₂, O(CH₂-CH₂-O)_q-H, OH or tetrazol-5-yl;

R₁ is H or (C₁₋₃)alkyl;

R₂ is carboxyphenyl;

q is 1-3;

or a pharmaceutically acceptable salt thereof.

10. The kit according to claim 6, wherein the neuromuscular blocking agent is vecuronium.

11. 6-Per-deoxy-6-per-(2-carboxyethyl)thio-γ-cyclodextrin, or a pharmaceutically acceptable salt thereof.

12. 6-Per-deoxy-6-per-(2-carboxyethyl)thio-γ-cyclodextrin, sodium salt.

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13. A pharmaceutical composition comprising 6-per-deoxy-6-per-(2-carboxyethyl)thio-γ-cyclodextrin, or a pharmaceutically acceptable salt thereof, and a pharmaceutically suitable auxiliary.

14. A pharmaceutical composition comprising 6-per-deoxy-6-per-(2-carboxyethyl)thio-γ-cyclodextrin, sodium salt, and a pharmaceutically suitable auxiliary.

15. A kit for providing neuromuscular block and its reversal comprising (a) a neuromuscular blocking agent, and (b) 6-per-deoxy-6-per-(2-carboxyethyl)thio-γ-cyclodextrin, or a pharmaceutically acceptable salt thereof.

16. A kit for providing neuromuscular block and its reversal comprising (a) a neuromuscular blocking agent, and (b) 6-per-deoxy-6-per-(2-carboxyethyl)thio-γ-cyclodextrin, sodium salt.

17. The kit according to claim 15, wherein the neuromuscular blocking agent is selected from the group consisting of rocuronium, vecuronium, pancuronium, rapacuronium, mivacurium, (cis)atracurium, tubocurarine and suxamethonium.

18. The kit according to claim 15, wherein the neuromuscular blocking agent is rocuronium.

19. The kit according to claim 15, wherein the neuromuscular blocking agent is vecuronium.

20. A method for reversal of drug-induced neuromuscular block in a subject, which comprises parenterally administering to said subject an effective amount of 6-per-deoxy-6-per-(2-carboxyethyl)thio-γ-cyclodextrin, or a pharmaceutically acceptable salt thereof.

21. A method for reversal of drug-induced neuromuscular block in a subject, which comprises parenterally administering to said subject an effective amount of 6-per-deoxy-6-per-(2-carboxyethyl)thio-γ-cyclodextrin, sodium salt.

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